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	Depth	$\delta^{18}\text{O}$	$\delta^{18}\text{O}$ SD	SE	$\Delta_{47}$	$\Delta_{47}$ SD	SE	$\Delta_{48}$	49 Param	T(°C)
<b>Bulk</b>	<b>15,3</b>	<b>-1,64</b>	<b>0,144</b>	<b>0,072</b>	<b>0,705</b>	<b>0,022</b>	<b>0,011</b>			<b>20</b>
		-1,55			0,68			0,107	0,131	
		-1,84			0,702			0,836	0,199	
		-1,52			0,733			0,421	0,377	
<b>Coccoliths</b>	<b>15,3</b>	<b>-1,53</b>	<b>0,236</b>	<b>0,136</b>	<b>0,693</b>	<b>0,003</b>	<b>0,002</b>			<b>24</b>
		-1,86			0,692			0,21	0,109	
		-1,36			0,698			0,643	0,244	
		-1,36			0,69					
<b>Coccoliths</b>	<b>74,50</b>	<b>-1,32</b>	<b>0,298</b>	<b>0,172</b>	<b>0,682</b>	<b>0,017</b>	<b>0,010</b>			<b>28</b>
		-1,39			0,676			0,0087	0,147	
		-0,93			0,664			-0,189	0,065	
		-1,65			0,705			-0,079	0,136	
<b>Coccoliths</b>	<b>98,10</b>	<b>-1,79</b>	<b>0,256</b>	<b>0,115</b>	<b>0,688</b>	<b>0,024</b>	<b>0,011</b>			<b>26</b>
		-1,33			0,706			0,329	0,265	
		-1,76			0,668			-0,467	-0,013	
		-2,01			0,711			-0,166	0,127	
		-1,78			0,651			0,177	0,195	
		-2,05			0,704			-0,156	0,005	
<b>Coccoliths</b>	<b>98,60</b>	<b>-0,75</b>	<b>0,338</b>	<b>0,195</b>	<b>0,688</b>	<b>0,026</b>	<b>0,013</b>			<b>26</b>
		-1,11			0,687			-0,047	0,06	
		-0,63			0,647			-0,365	0,037	
		-1			0,715			-0,26	0,094	
		-0,25			0,703			0,078	0,181	
<b>Coccoliths</b>	<b>105,00</b>	<b>-1,51</b>	<b>0,128</b>	<b>0,074</b>	<b>0,690</b>	<b>0,023</b>	<b>0,013</b>			<b>25</b>
		-1,49			0,722			-0,589	-0,013	
		-1,37			0,668			-0,166	0,127	
		-1,68			0,68			0,177	0,195	
<b>Coccoliths</b>	<b>179,00</b>	<b>-1,44</b>	<b>0,097</b>	<b>0,056</b>	<b>0,689</b>	<b>0,013</b>	<b>0,007</b>			<b>26</b>
		-1,57			0,697			0,115	0,213	
		-1,4			0,699			0,072	0,252	
		-1,34			0,671			-0,372	0,055	
<b>Coccoliths</b>	<b>240,00</b>	<b>-1,22</b>	<b>0,136</b>	<b>0,078</b>	<b>0,676</b>	<b>0,010</b>	<b>0,006</b>			<b>30</b>
		-1,07			0,663			-0,281	0,074	
		-1,4			0,676			0,205	0,164	
		-1,2			0,688			0,025	0,168	
<b>Bulk</b>	<b>300,20</b>	<b>-1,72</b>	<b>0,131</b>	<b>0,075</b>	<b>0,709</b>	<b>0,001</b>	<b>0,001</b>			<b>19</b>
		-1,73			0,709			0,454	0,276	
		-1,56			0,711			0,536	0,205	
		-1,88			0,708			0,513	0,279	
<b>Coccoliths</b>	<b>300,20</b>	<b>-1,64</b>	<b>0,254</b>	<b>0,147</b>	<b>0,692</b>	<b>0,019</b>	<b>0,011</b>			<b>25</b>
		-1,50			0,71			0,314	0,215	
		-2,00			0,666			0,225	0,219	
		-1,43			0,699			0,873	0,162	
<b>Coccoliths</b>	<b>371</b>	<b>-1,10</b>	<b>0,029</b>	<b>0,017</b>	<b>0,684</b>	<b>0,021</b>	<b>0,012</b>			<b>27</b>
		-1,07			0,697			0,036	0,147	
		-1,14			0,7			0,424	0,194	
		-1,1			0,654			-0,112	0,079	

Table DR1 – Overview of the data presented and discussed in the paper. SD = Standard Deviation, SE = Standard Error.  $\Delta_{48}$  and 49 Param are parameter used to exclude any contamination. All this data are available as excel spreadsheet.

Table DR2

	Depth	d18O	d18O SD	Error	D47	D47 SD	Error	D48 Offset	49 Param	T(°C)
<b>Bulk</b>	<b>15.3</b>	<b>-1.64</b>	<b>0.144</b>	<b>0.072</b>	<b>0.705</b>	<b>0.022</b>	<b>0.011</b>			<b>20</b>
		-1.55			0.68			0.107	0.131	
		-1.84			0.702			0.836	0.199	
		-1.52			0.733			0.421	0.377	
<b>Coccoliths</b>	<b>15.3</b>	<b>-1.53</b>	<b>0.236</b>	<b>0.136</b>	<b>0.693</b>	<b>0.003</b>	<b>0.002</b>			<b>24</b>
		-1.86			0.692			0.21	0.109	
		-1.36			0.698			0.643	0.244	
		-1.36			0.69					
<b>Coccoliths</b>	<b>74.50</b>	<b>-1.32</b>	<b>0.298</b>	<b>0.172</b>	<b>0.682</b>	<b>0.017</b>	<b>0.010</b>			<b>28</b>
		-1.39			0.676			0.0087	0.147	
		-0.93			0.664			-0.189	0.065	
		-1.65			0.705			-0.079	0.136	
<b>Coccoliths</b>	<b>98.10</b>	<b>-1.79</b>	<b>0.256</b>	<b>0.115</b>	<b>0.688</b>	<b>0.024</b>	<b>0.011</b>			<b>26</b>
		-1.33			0.706			0.329	0.265	
		-1.76			0.668			-0.467	-0.013	
		-2.01			0.711			-0.166	0.127	
		-1.78			0.651			0.177	0.195	
		-2.05			0.704			-0.156	0.005	
<b>Coccoliths</b>	<b>98.60</b>	<b>-0.75</b>	<b>0.338</b>	<b>0.195</b>	<b>0.688</b>	<b>0.026</b>	<b>0.013</b>			<b>26</b>
		-1.11			0.687			-0.047	0.06	
		-0.63			0.647			-0.365	0.037	
		-1			0.715			-0.26	0.094	
		-0.25			0.703			0.078	0.181	
<b>Coccoliths</b>	<b>105.00</b>	<b>-1.51</b>	<b>0.128</b>	<b>0.074</b>	<b>0.690</b>	<b>0.023</b>	<b>0.013</b>			<b>25</b>
		-1.49			0.722			-0.589	-0.013	
		-1.37			0.668			-0.166	0.127	
		-1.68			0.68			0.177	0.195	
<b>Coccoliths</b>	<b>179.00</b>	<b>-1.44</b>	<b>0.097</b>	<b>0.056</b>	<b>0.689</b>	<b>0.013</b>	<b>0.007</b>			<b>26</b>
		-1.57			0.697			0.115	0.213	
		-1.4			0.699			0.072	0.252	
		-1.34			0.671			-0.372	0.055	
<b>Coccoliths</b>	<b>240.00</b>	<b>-1.22</b>	<b>0.136</b>	<b>0.078</b>	<b>0.676</b>	<b>0.010</b>	<b>0.006</b>			<b>30</b>
		-1.07			0.663			-0.281	0.074	
		-1.4			0.676			0.205	0.164	
		-1.2			0.688			0.025	0.168	
<b>Bulk</b>	<b>300.20</b>	<b>-1.72</b>	<b>0.131</b>	<b>0.075</b>	<b>0.709</b>	<b>0.001</b>	<b>0.001</b>			<b>19</b>
		-1.73			0.709			0.454	0.276	
		-1.56			0.711			0.536	0.205	
		-1.88			0.708			0.513	0.279	
<b>Coccoliths</b>	<b>300.20</b>	<b>-1.64</b>	<b>0.254</b>	<b>0.147</b>	<b>0.692</b>	<b>0.019</b>	<b>0.011</b>			<b>25</b>
		-1.50			0.71			0.314	0.215	
		-2.00			0.666			0.225	0.219	
		-1.43			0.699			0.873	0.162	
<b>Coccoliths</b>	<b>371</b>	<b>-1.10</b>	<b>0.029</b>	<b>0.017</b>	<b>0.684</b>	<b>0.021</b>	<b>0.012</b>			<b>27</b>
		-1.07			0.697			0.036	0.147	
		-1.14			0.7			0.424	0.194	
		-1.1			0.654			-0.112	0.079	